Order Entry User Guide Addendum

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About this Fourth Generation Documentation Addendum:

This Fourth Generation Documentation Addendum is provided to bring the associated 'base' document up to date with the very latest changes and additions to the software product. The 'base' document is listed on the title page of this addendum.

Addendum Date:

All software patches and supplements that have an impact on the base document are also covered by this addendum. Software patches and supplements are posted on the Fourth Generation web site in the customer area and on the Fourth Generation ftp site (see web/ftp access below). Patches and feature supplements are listed by the date posted. All patches and supplements posted by the Addendum Date are covered by this addendum. Each time a new patch or supplemental feature is released, this addendum will be updated if a documentation change is required. At that time, the Addendum date will be updated to the latest patch or supplement date.

Information not covered by this addendum:

This addendum covers only the subject area of the base document. For additional information and technical details on the new features or patches, please consult the product release notes and patch/supplements indexes found in the customer area of the Fourth Generation Web site or FTP site. (see web/ftp access below)

Web/FTP Access:

All new features and patches are maintained on the Fourth Generation web site, in the customer area: www.fourthgeneration.com and also on the Fourth Generation FTP site: ftp.fourthgeneration.com. Updated versions of this Addendum will be posted there as well. Most of the files and information in these areas is restricted to customers with current software maintenance contracts. To receive a current password to access these areas, please contact the Fourth Generation help desk: 770-432-7623, 1-800-374-6157, support@fourthgeneration.com (but the fourth Generation help desk: 770-432-7623, 1-800-374-6157, support@fourthgeneration.com

Feature Listing

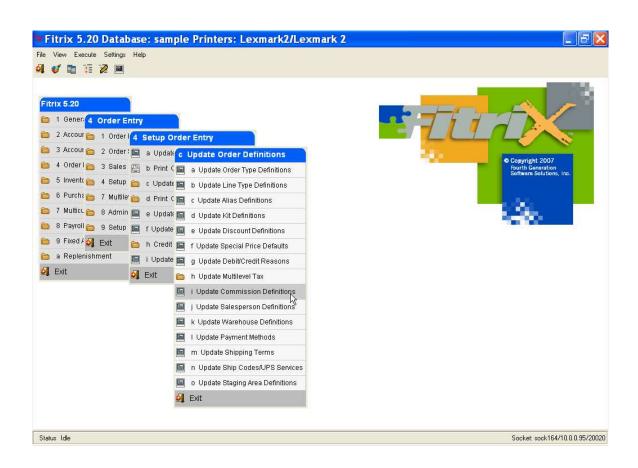
Feature Number	Description
1238	Commission Reporting
1248	New Navigation Events
1253	Lot Selection in Order Entry
1297	Creating Multiple Sales Orders
1298	Shipment Tracking Screen
1299	Export Shipping Forms
1300	Assignment of Shipping Units
1304	Unlinking Direct Purchase Orders and Customer Orders
1305	Ability to Change REG Sales Orders to DIR Sales Orders.
1307	Ability to Change DIR Sales Orders to REG Sales Orders
1363	Ability to Post Specific Orders
1397	Expansion of Order Number
1537	Check Box to Select Multiple Part Numbers
1538	Create Purchase Orders for Backorders (also see feature 1904)

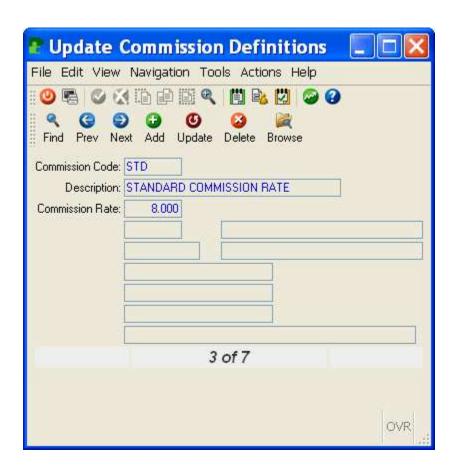
1538	Assign Routing Codes to Sales Orders
1601	GL Distribution for nonstock items
1607	Customer Quotation Form
1624/25	Resale Tax Number and Expiration Date
1680	Make To Order Items
1683	Multiple Bin Locations
1764	Remittance Address Print
1798	Print Invoices in Invoice Number Order
1801	Held Sales Orders
1904	Changes to BKO Prompt

Feature 1238 Commission Reporting:

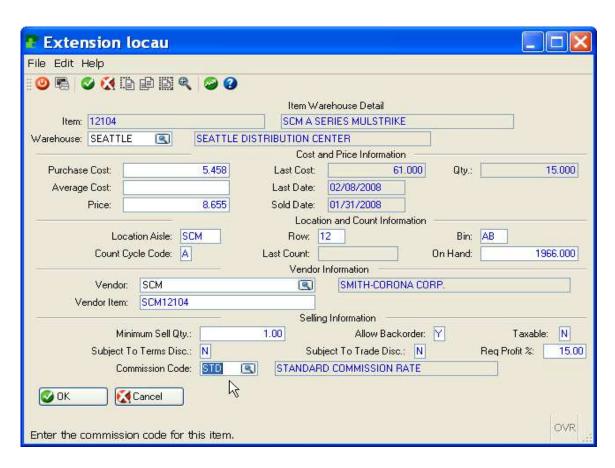
Note: Also see Feature 1763 below

1. Enter commission codes

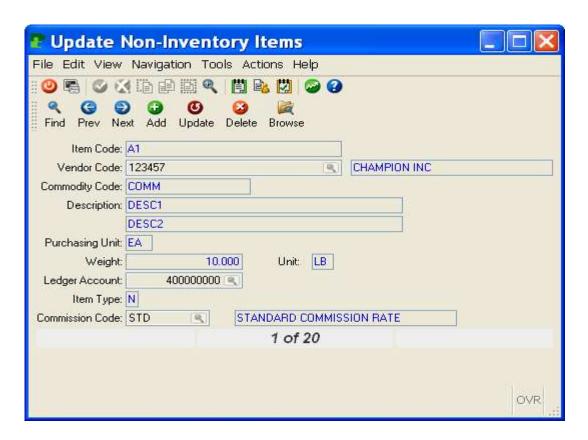




2. For stock items, enter the commission code with the item code. Go into Update Inventory information, find the item code, go into Update mode, Ctrl TAB to detail, select a warehouse, and then click on the Whse Dtl icon on the toolbar.



3. For non stock items, a new field has been added so that a commission code can be entered.



The commission report is option (l) on the Sales History Reports menu in Order Entry.



Feature 1248 New Navigation Events

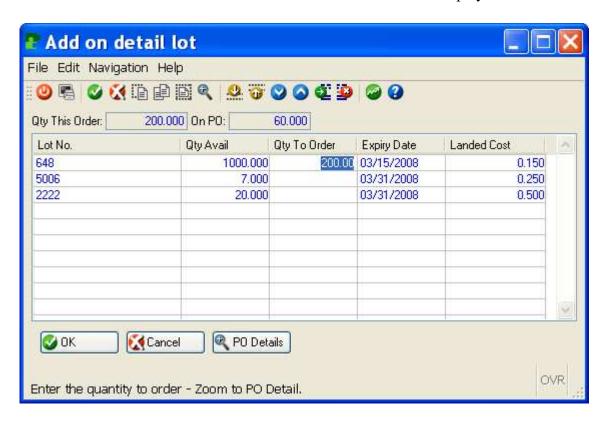
The following programs have new navigation events:

Update Customer Orders - access to:

Update customer information
Update ship-to information
Update special pricing
Sales history report
Update inventory information (item codes)
Update customer invoices

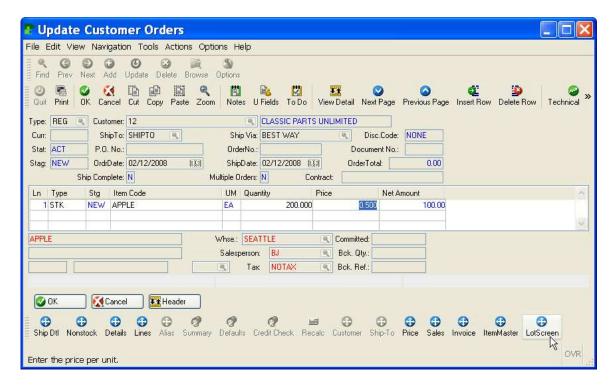
Feature 1253 Lot Selection In Order Entry

User now has the ability to select the lots they want to ship when entering a customer order. When a lot controlled item code is entered this screen will display:



The quantity to order will default to the lots with the oldest expiration date but the user has the option to change.

If you accept the lots as they are assigned by the system but then want to change them you can by clicking on the new lot screen icon on the order entry screen.

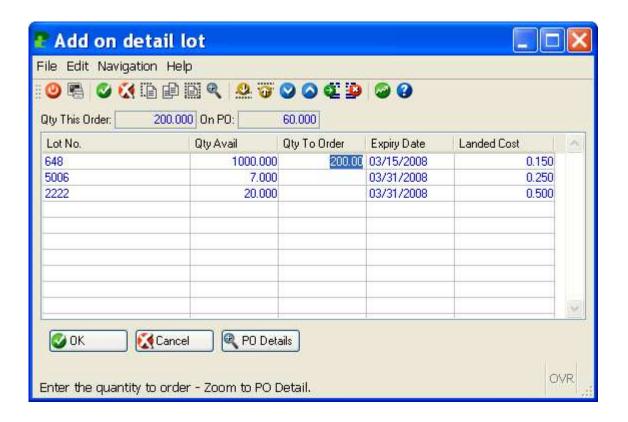


The lot numbers selected will print on the picking ticket, packing list, and invoice.

Modifications were also made to the following programs:

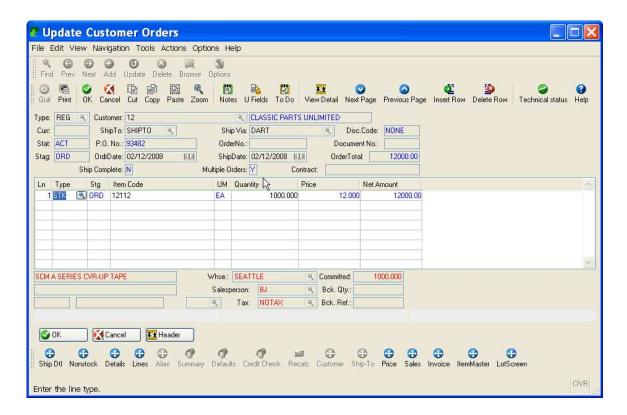
Update Picked Quantities Update Shipped Quantities Update Invoices

In previous versions, these programs were used to select the lot numbers being shipped. Since this is now done when the order is entered the Add Lot Number screen no longer displays. Instead this screen displays so that you may change lot numbers and quantities as needed.



Feature 1297 Creating multiple Sales Orders

There is new field on the Update Customer Order screen labeled "Multiple Orders" and this defaults to N. If you want to create multiple orders, change this value to Y. For the initial order you enter, enter the total quantity for all orders you want to create from this order. In the example below, 4 orders with a quantity of 250 each will be created.



Prompt received when the initial order is saved:

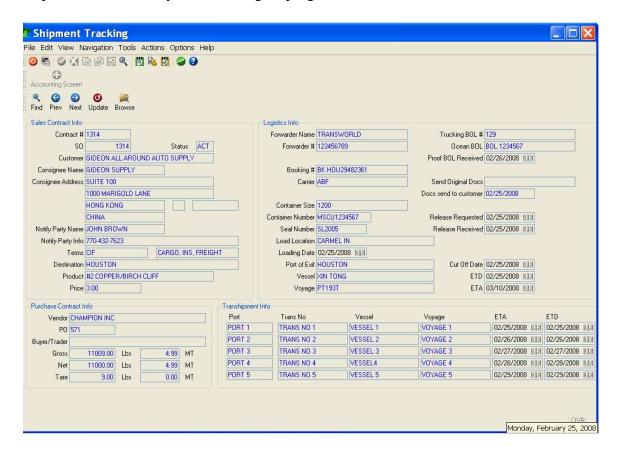


There is also a new contract field on the order entry screen. This will automatically be set to the range of sales order numbers created (ie- sales order 1000, 1001, 1002, 1003, 1004, and 1005 will have contract number 1000-1005 assigned to them). You can use this contract number to find all sales order associated with it on the new Shipment Tracking screen (see write up for Feature 1298).

Please note that if the order type you use is DIR (direct shipment from your vendor to your customer), there will be a vendor PO created for each sales order.

Feature 1298 Shipment Tracking Screen (option p on the Order Maintenance menu)

Every time a customer order is entered in the database an entry is in the Shipment Tracking table. The screen program enables you to enter information relevant to your shipment that will aid you in tracking its progress.



Please note that if the order has a DIR order type and the product is being purchased from multiple vendors there will a record inserted into the tracking table for each sales order/purchase order combination.

The information that displays on this screen come from the following sources.

Sales Contact Info:

Contract # - this is a display only field that displays the contract number assigned to the sales order when it was entered.

SO – customer sales order number.

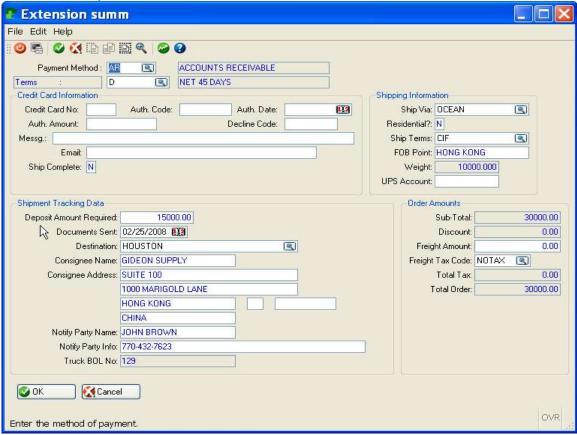
Status- display only sales order status. Possible values are:

ACT – active PST – posted CAN - cancelled

Customer – display only field for the customer's business name.

Consignee and Notify Information – this information is entered on the order summary screen when you enter the sales order but it can me modified here.

Order Summary Screen:



There has also been a field to the summary screen where you can enter the deposit amount required from your customer before the order will ship. This amount displays on the Shipment Tracking screen accounting screen discussed below.

Any modifications made here automatically transfer to the sales order summary screen.

Terms- customer payment terms on the sales order.

Destination – from the sales order summary screen.

Product – if the sales order has only one item code, the item code will display here. If there are multiple item codes, the word "multiple" will display here.

Price - if the sales order has only one item code, the item code's price will display here. If there are multiple item codes, the word "multiple" will display here.

Purchase Contract Information:

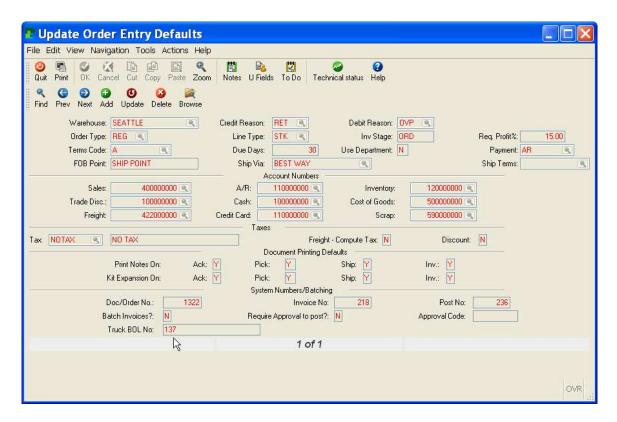
If the sales order has an order type of DIR meaning it is shipping directly from your vendor to your customer, a vendor PO is automatically created when the sales order is stored. The vendor business name, vendor purchase order number, and buyer/trader code will display in this section of the screen.

The weights that display here are the weights entered when the Vendor purchase order was received or prior to the Packing List being printed if this is an out of warehouse shipment. See the discussion on Feature # 1300 in this document and also the Purchasing Addendum.

Logistics Information:

All the information in this section is entered using the Shipment Tracking screen program with the following exceptions:

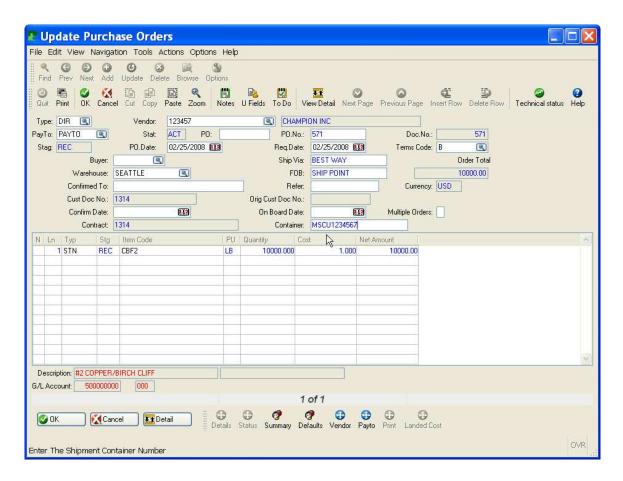
Trucking BOL # - this is a display only field and this number is automatically assigned when the sales order is entered. The beginning truck bill of lading number you want to use for your company should be entered in the Update Order Entry Defaults screen program (option (a) on the Order Entry Set Up submenu):



This bill of lading number prints on the Export Packing List.

Docs Send to Customer – this is a display only field and displays the date entered in the Order Entry summary screen.

Container # - if this is a DIR sales order and therefore has a vendor purchase order associated with it, the container number entered with the purchase order displays here. A field for the container number has been added to the Update Purchase Orders header screen. The number entered must b3 4 alpha characters followed by 7 numeric.



Transhipment Information:

All the information in this section is entered using the Shipment Tracking screen

Accounting Screen:

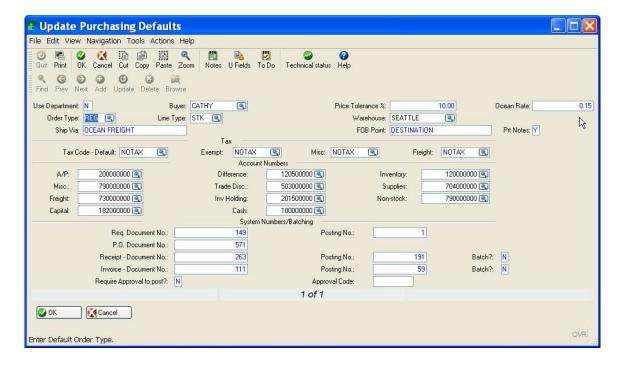
There is an icon on the Shipment Tracking screen labeled "Accounting Screen".



Deposit Required- this is a display only field that displays what was entered on the Order Entry summary screen.

Deposit Amount Paid – this is a display only field that displays the deposit received form the customer posted through Update AR Cash Receipts.

Ocean Marine Insurance - this is a calculation. A field has been added to the Update Purchasing Defaults program (option (a) on the Set Up Purchasing submenu) where you need to enter you ocean marine insurance (rate per \$):

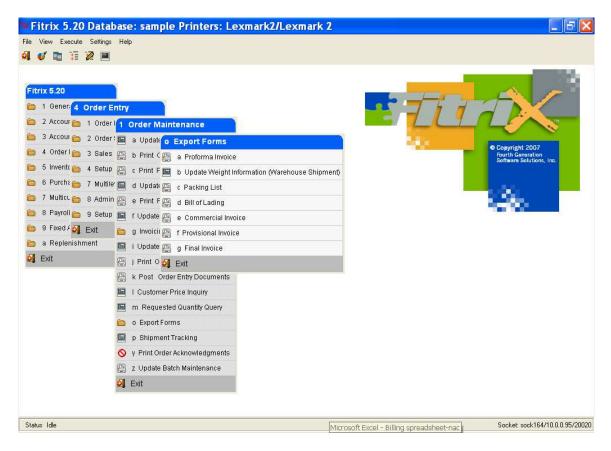


The calculation is:

(total cost of merchandise on the order) /100 x ocean marine insurance rate.

Feature 1299 Export Shipping Forms

A suite of export forms has been added to order entry. Though the submenu these programs reside on is labeled Export Forms, these forms can also be sued shipments out of your warehouse.



Note:

For REG or out of warehouse shipments you must run both the Print Picking Ticket and Update Picked Quantities programs before you can print:

Packing List Bill of Lading Commercial Invoice

Provisional Invoice

For DIR shipments from your vendor to your customer you must first receive the vendor purchase order using the Update Receipts program before you can print:

Packing List Bill of Lading Commercial Invoice Provisional Invoice

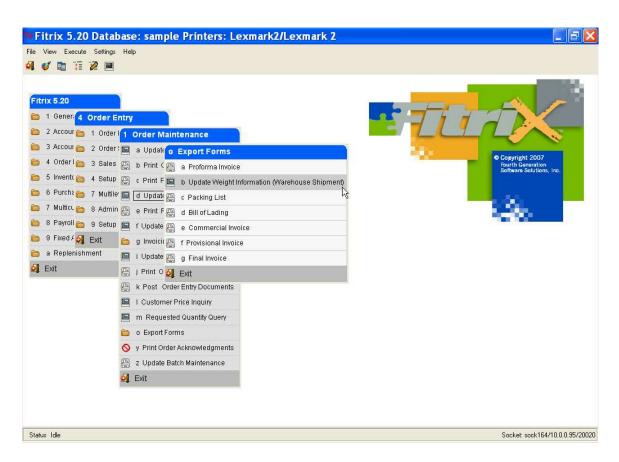
For both REG and DIR shipments you must enter shipment weights before printing the Packing List. See Feature 1300 in this Order Entry Addendum and the Purchasing Addendum on how shipment weights are entered.

For both REG and DIR shipments you must run the Update Invoices/Memos program before printing the Final Invoice.

Feature 1300 Assignment of Shipping Units

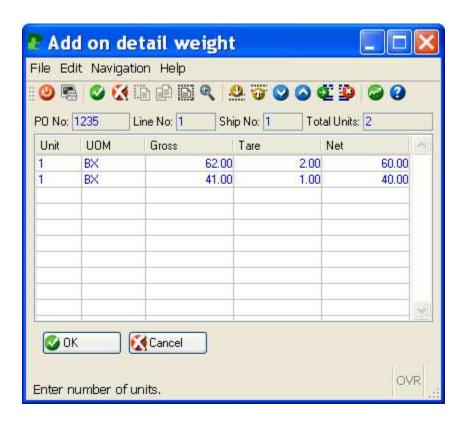
A new screen program has been added where you can assign shipping units and weights to your shipments. This information will then print on the various export/shipping documents (see Feature 1299).

This program is found on the Export Forms submenu:



Prior to running this program you must first print a picking ticket and then run Update Picked Quantities program to update the quantities that were picked for the outgoing shipment. Once you've done this, select Update Weight Information program, do a (F)ind and enter the customer order number. Then go into (U)pdate mode and click on the Weight Screen icon on the toolbar to enter the shipping units and weights for each item on the order.

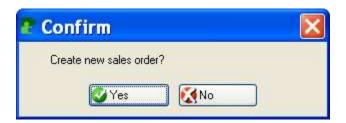
In this example, the customer order is for 100 lbs of copper and it is shipping in two boxes; one weighing 60 lbs and the other weighing 40 lbs.



Feature 1304 Unlinking Direct Purchase Orders and Customer Orders

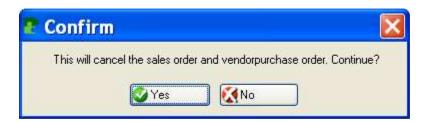
We've added the ability to unlink the purchase order from the sales order so it can be linked to another sales order. This is needed in the event the original customer cancels their order.

If you delete a customer sales order that has an order type of DIR you will receive the following prompt:



If you select yes the program will null out the customer code, ship to code, order number and document number and put you in update mode. You will then enter new customer and ship-to codes. When the order is saved, a new order number, document number, and contract number will be assigned; the vendor PO will be updated with the new order information; the shipment tracking table will be updated with the new information; and the original sales order will be cancelled. The field labeled Orig Cust Doc No on the Update Vendor Purchase Orders screen will be set to the order number that was cancelled as an audit trail.

If you select no, you will receive this prompt:



If you then select yes, the sales order and vendor purchase will both be cancelled and the record for the sales order will be removed from the Shipment Tracking screen program. If you select no, there are no changes made and the original sales order and purchase order are retained intact.

Feature 1305 Ability to Change REG Orders to DIR Orders

The sales order is initially created with a REG order type (ship out of the warehouse order) and it not linked to a purchase order. You later determine that you want to ship the order directly from your vendor to your customer.

The Order Entry logic has been change so that you can now change the order type from REG to DIR. When you do this you will be prompted as follows:



If you select yes:

A vendor purchase order will be created for the primary vendor for every item on the sales order.

The sales order's order type will be set to DIR (the behind the scenes table stages will also be reset) and it will be linked to the purchase orders created.

The purchase order information for each purchase order created will display in the tracking screen for this sales order.

Feature 1307 Ability to Change DIR Sales Orders to REG Sales Orders

If you initially enter the sales order with a DIR order type but then decide you want to ship it from your warehouse you now have the ability to change the order type from DIR to REG. When you do this you will be prompted for the warehouse you are going to ship the merchandise from:



Once you click on OK or press Enter to continue, the following updates will take place:

1. For any items where there is not sufficient quantity on hand to fill the order the back order screen will display so that you may then either reduce the quantity on the order or decide to backorder the item.

- 2. The order type will be changed to REG (and all the behind the scenes stages in the order tables updated accordingly).
- 3. The vendor purchase order that was linked to the sales order will be cancelled.
- 4. The vendor information on the Shipment Tracking screen will be updated accordingly.

Feature 1363 Ability to Post Specific Orders

In previous versions of the software when the Print Order Entry Edit List and Post Order Entry Documents programs were run, these programs would process all orders ready to be posted. A new selection criteria screen has been added so that the user can select which sales orders/ customer invoices they want to post.

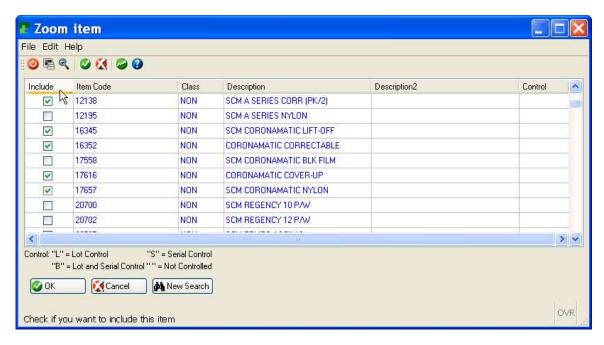


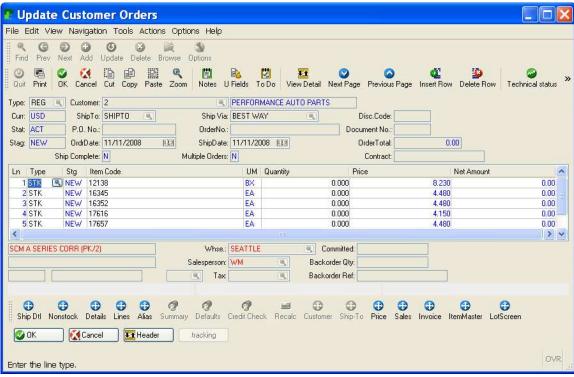
Feature 1397 Expansion of Order Number

The customer sales order number has been expanded to twenty characters On all screens and reports.

Feature 1537 Check box to select multiple part numbers

We've added the ability for the user to select multiple items from the item code zoom screen when entering customer orders. Simply check the new check box to select the item you want. When you click on OJ all items selected will display in the detail section of the sales order. You then enter the quantities the customer wants to order.

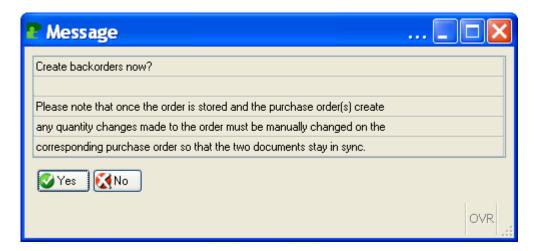




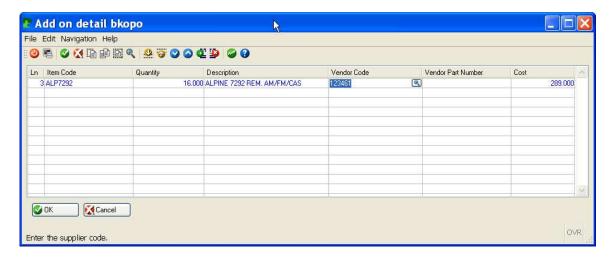
Feature 1538 Create Purchase Orders for Backorders

Functionality has been added so that the user can now create purchase orders while in the order entry program for all items that are backordered on an order instead of using the Purchasing Requisition program.

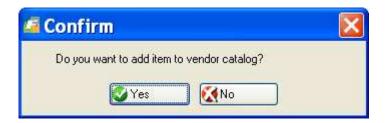
When the order is stored this prompt will display if there are any part numbers with a line stage of BKO:



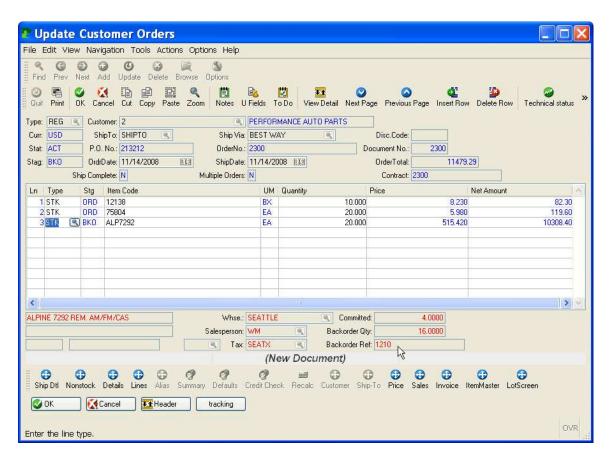
Select Yes if you want to create purchase orders. When you select Yes this screen will display:



The vendor selected is the primary vendor found in the item catalog (if one exists). To change the vendor and cost simply enter a new vendor code and cost. You will then be prompted as follows if you change the vendor code and this vendor is not in the item catalog:



If you will be purchasing this item from this vendor again select Yes. Store the transaction by clicking OK and purchase orders will be created for each vendor. You can view the PO number created for each item in the backorder reference field on the order entry screen.

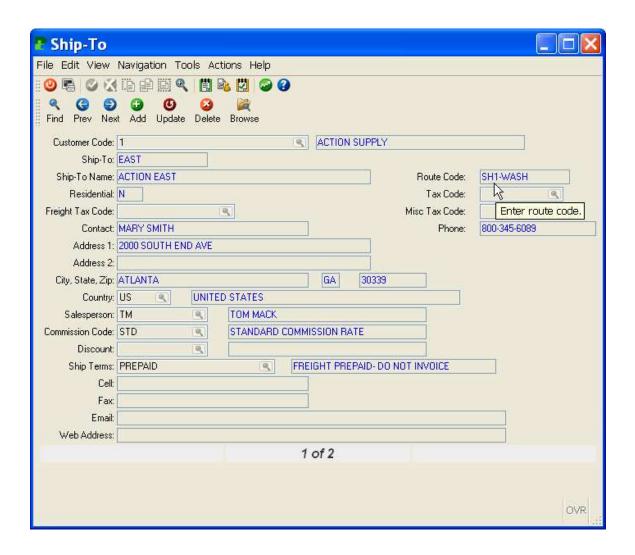


When the vendor PO is received the sales order number it is linked to will print on the PO receipts report and the line stage on the sales order will change from BKO to ORD.

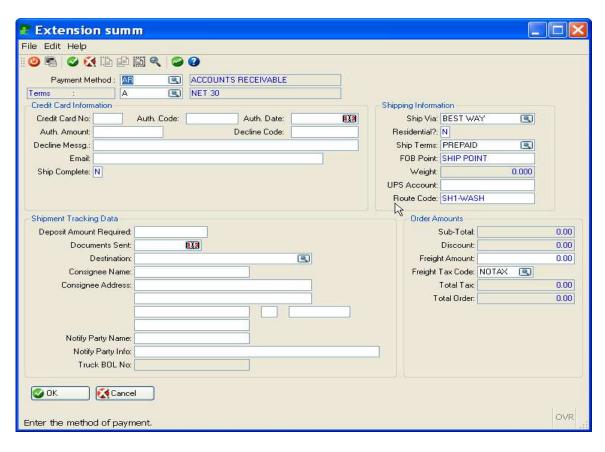
1539 Assign Routing Codes to Sales Orders

New fields have been added to the customer master screen OE Info screen and the ship-to screen.





The Order Entry program has been modified to first look at the ship-to code to retrieve the routing code and if not found there look at the customer record to retrieve the routing code. The routing code selected is then inserted into the Order Entry summary screen.



The picking ticket print program has been modified to first print all picking tickets with no routing code and then group subsequent picking tickets by routing code. You may also print picking tickets by routing code by entering the code in the picking ticket selection criteria screen.



Feature 1601 GL Distribution for Nonstock items

The GL distribution for orders and purchase orders for nonstock items (NON/DRN) was incorrect. The nonstock screen that displayed in order entry initially defaults the GL acct # in the Update Order Entry Defaults sales account number This account # then populated the sales order's sales account number and the purchase order's cost of sales account number.

The net affect when the PO was posted to Accounts Payable was this:

Debit AR for SO amount (OK)

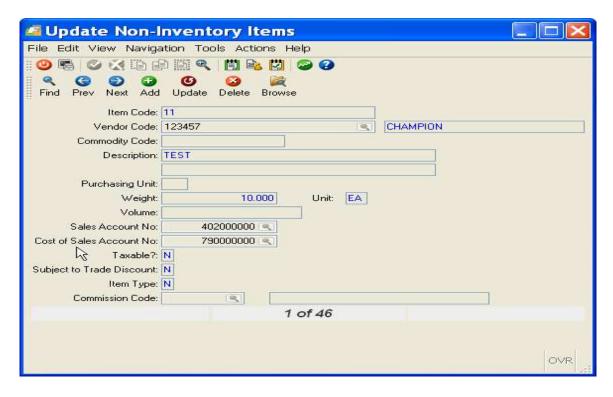
Credit AP for PO amount (OK)

Debit Sales for PO amount (should be a cost of sales account)

Credit Sales for SO amount (OK)

Basically what was recorded to the GL and shown on the income statement is a sales amount net of cost instead of the gross sales amount and then a separate cost of sales amount.

So that the purchase order posts to cost of sales a new field for a cost of sales account number has been added to the Update Non Inventory Items screen:



When setting up nonstock items this account number will initially default to the Non-stock account number in the Update Purchasing Defaults program but it can be changed.

Feature 1607 Customer Quotation Form

This new report program is a clone of the Order Acknowledgement form except the program prints the word "Quotation" on the form.

Feature 1624/25 Resale Tax Number and Expiration Date

Two new fields have been added to the customer information screen to store this information and when entering sales orders this information automatically transfers to the Order Entry defaults screen.

Feature 1680 Make To Order Items

This feature supports sales order line items which should be directly linked to a production order, which will manufacture the item needed on the sales order. For these sales order line types (MTO), saving the sales order will automatically create a production order for each line of this type. The production order will use the item's standard bill of material, but can be changed by the user to customize the makeup of the item.

When the item is completed on the production order (via a production receipt to inventory), the stage for the associated line item on the sales order will be advanced to indicate it is ready for shipment.

Order Entry

To enter a sales order for a make-to-order item, use Order Type REG, and Line Type MTO. When the order is saved, the line stage will be set to NEW and a production order will be generated with a quantity and due date that matches the line item on the sales order. A button on the toolbar labeled 'MTO Order' can be clicked to review/update the generated production order.

Production Order Entry/Maintenance

The production order summary screen includes a reference to the sales order and line that generated the production order and the production order type is set to MTO.

Component List

The production order is created with the standard bill of material. It can be changed by adding, changing or deleting components to customize the configuration for the specific sales order.

Production Receipt

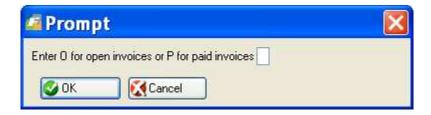
For MTO order types, when the end item is received into inventory, it will also advance the status of the associated sales order line item from NEW to ORD, and commit the received quantity to the sales order line item.

Feature 1683 Multiple Bin Locations

See the Inventory Control 5.30 Addendum for a complete write up of this feature and how it works in Inventory Control, Order Entry, and Purchasing.

Feature 1763 Change to Commission Reporting

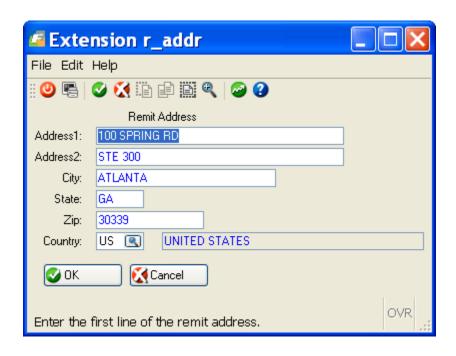
See Feature 1238. In addition to being able to run this report on paid AR invoices, you now have the option to print on open sales orders.



If an O is entered at this prompt all sales posted within the date range specified will print on the report.

Feature 1764 Remittance Address Print

A new icon labeled "Remit" has been added to the Update Company Information program. This remittance address prints on both the Order Entry Invoice and Accounts Receivable invoice.



Feature 1798 Print Invoices in Invoice Number Order

Invoices generated from Order Entry will now print in invoice number order rather than sales order number.

Feature 1801 Held Sales Orders

When sales orders are entered, an option must exist for them to be saved initially as 'Held for processing'. They can then be released by an authorized user. Until they are released, they:

- Cannot have a pick list generated
- Will not allow any transactions against their associated Production Order:

No production packet or pick list No Component Issue No Production Receipt Cannot allow pick entry, ship entry, or invoice entry

The order can only be changed back from ORD to HLD if the pick ticket has not been printed.

If the sales order automatically creates purchase orders, any purchase orders created will also be held until the sales order is released from hold. Purchase orders are automatically created one of three ways:

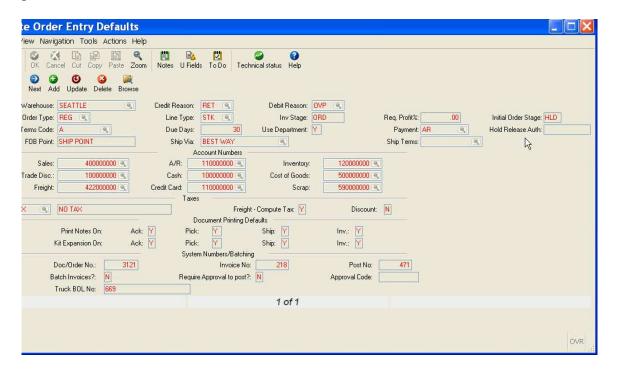
- 1. Item is backordered and you answer Y to the "Create PO Now" prompt.
- 2. Order type is DIR or DRW (drop ship from vendor to customer).
- 3. Line type is DRN (direct nonstock) or DRS (direct stock).

There have been two new fields added to the Update Order Entry Defaults screen program.

(menu path 3-2-4-a)

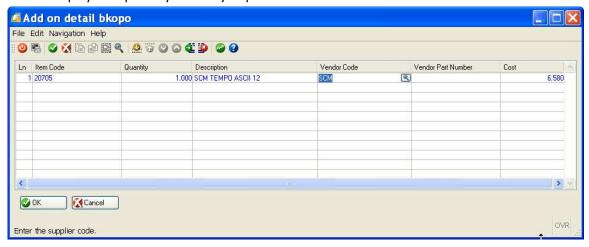
Initial Order Stage- valid values are HLD and ORD. When orders are initially entered the stage will default to whatever value is found here.

Hold Release Auth – enter the password that must be used to change the stage on the purchase order from HLD to ORD.



Feature 1904 Changes to BKO Prompt

In order entry if an item is not available you are prompted to Create Backorders and then this screen displays the primary vendor you purchase the item from:



If you want to select all vendors in the catalog or a vendor that is not in the catalog click on the magnifying glass or press control Z to receive this prompt:



If you answer Yes, all vendors found in catalog will display. If you answer No all vendors will display.